

RFI - Subcontractor's Request for Information

To:	Dept. of Veteran Affairs	From:	Steve Krauch
Attn:	Phyllis Holder.	Date Sub'd:	5-31-2012
Job No:	Z-614-10-124	Date Req'd:	
Re:	Upgrade Controls and Energy Mgmt.	Via:	phyllis.holder@va.gov

☐ **Urgent!** ☐ **Issue Resolved**

•We request your response to the following issue(s):

- **Demo - Are existing pneumatic controls tubing systems to be removed or abandoned in place?**
- **Dumpsters - will dumpsters be available for daily disposal of small amounts of packing materials, wire scraps, etc. or may the Contractor provide his own dumpster (location) or should these otherwise be removed from the site?**
- **Commissioning - References sections 01 00 00 General Requirements, 01 91 00 GENERAL COMMISSIONING REQUIREMENTS, and 01 33 23 SHOP DRAWINGS, PRODUCT DATA and SAMPLE do not exist. What are the specific Commissioning procedures and requirements?**
- **The specifications reference various specification sections that do not exist in the bid package. Do these sections exist elsewhere, or are these sections to be ignored, or will they be added by addendum?**
- **23 09 23, paragraph 1.1B states that Control Valves, Flow Switches and Flow Meters are furnished by the Contractor, but installed by others. Who is responsible for installing these devices?**
- **23 09 23, paragraph 1.1C states that Refrigerant Leak Detection systems are furnished by others, but installed by this Contractor. Who is responsible for furnishing the leak detection systems and oxygen depletion systems, or will the existing systems be re-used?**
- **Is this Contractor responsible for costs associated with any changes to the Fire Alarm System, if any? If so, is the existing system under Service Agreement? Who is this Agreement with?**
- **Will the successful Contractor have access to existing systems documentation, including control drawings, as-built control drawings, red-line drawings, programming manuals, programming software, etc. To what extent are all existing controls systems documented?**

- **Will the successful bidder have access to Johnson Controls upper level passwords, documentation, programming manuals and programming tools?**
- **Will the successful bidder have access to Schneider Controls upper level passwords, documentation, programming manuals and programming tools?**
- **Will existing controls equipment still be serviced by JCI under their existing service agreement during construction (until that equipment is replaced)? Does the existing Service Agreement include parts coverage?**
- **If existing electric/electronic actuators (valve & damper) are not functioning, are they to be replaced under this Contract or under the existing Service Agreement?**
- **If existing temperature/humidity/etc sensors are compatible with the new system and functioning properly, do they have to be replaced?**
- **May existing conduits and control wiring be re-used if they meet the specs?**
- **Are existing freeze protection thermostats to be replaced or re-used?**
- **Are existing duct pressure high limit switches to be replaced or re-used?**
- **Will office areas be vacated while work is being performed? Who will be responsible for moving desks and other furniture?**
- **What are the procedures required for opening the ceilings and working above the corridors?**
- **Will evening/night/weekend work be allowed?**
- **Does AHU1-9 exist in Building 1? Where is it located? Work is shown on Drawing 1-H503, but the Unit is not located on the Floor Plans nor included in the DDC Point Schedule.**
- **Do HVU-1,2,3 exist in Building 1? Where are they located?**
- **Key Note 5 on the Drawings says to coordinate LAN Drops with the V.A. IT Department. Will the IT Department provide LAN wiring and drops to the new Control Panels, or is that wiring furnished and installed by this Contractor?**
- **Does Communications wiring have to be installed in conduit. Existing ethernet wiring is not presently installed in conduit.**
- **Can exposed Plenum cable (run without conduit) be used to wire space thermostats/humidistats for Fancoil Unit/Terminal Unit Controls which are located above accessible ceilings?**
- **Regarding existing projects going on at the Hospital, will the controls systems for these projects be installed prior to their replacement under this contract? Does this project include any work for the control systems being provided under the existing projects?**
- **Will any asbestos be encountered where existing pneumatic valves and controls are to be removed and replaced or where Airflow Stations are to be added? Is asbestos abatement to be included in this project or will it be handled separately by the V.A.?**
- **Where existing pneumatic valve are to be replaced with electronic, is it OK to use a retrofit kit to replace just the actuator, or should the entire valve assembly be replaced?**
- **The drawings make several references to a Test & Balance Contractor. Is a Test and Balance required for this projects. If so, is there a T&B Specification available?**
- **Are existing dampers to be re-used, or are they to be replaced with the specified type under this Project?**
- **Are Broken Humidifiers to be repaired under this project?**
- **Do all valve actuators require hardwired position feedback monitored by the Control System, or do just the ones indicated on the DDC Point Schedule. How about those not indicated on the DDC Point Schedule, but suggested by showing an AO and an AI for the actuator on the Control Schematics? There are also some valve actuators**

not showing an AI on the Control Schematics and also not scheduled on the DDC Point Schedule. Will these require position monitoring?

- **Same questions as above, only regarding damper actuators.**
- **Is it known which VFD's already have existing bacnet interfaces? is it possible to shut down each drive so they can be opened and examined? How else can this be determined prior to bid? Maybe a list of model and serial numbers is available through your Asset Management program?**
- **Is it known which Water Chillers have existing bacnet interfaces? Is a list of model and serial numbers available, maybe through your Asset Management program?**
- **Existing Isolation Room Monitors are networked back to the Operator Workstation. Will existing isolation room monitors remain as is and the isolation room controls shown on the Drawings Overlay that system? The plans don't address networking of the monitors, so if the existing monitors have an AO corresponding to diff pressure, may that be used to provide the AI input to the new control system, or should we add additional differential pressure sensors on top of the existing sensors, or should we replace the monitors with bacnet communicating monitors?**